

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1796511
<b>Application Number:</b>	10750169
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5037
<b>Title of Invention:</b>	Symbol de-mapping methods in multiple-input multiple-output systems
<b>First Named Inventor/Applicant Name:</b>	John S. Sadowsky
<b>Customer Number:</b>	21186
<b>Filer:</b>	Joseph P. Mehrle/Anne Richards
<b>Filer Authorized By:</b>	Joseph P. Mehrle
<b>Attorney Docket Number:</b>	884.A49US1
<b>Receipt Date:</b>	21-MAY-2007
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<b>Application Type:</b>	Utility

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1		a49amdSIGNED.pdf	421613	yes	21

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Miscellaneous Incoming Letter	1	1	
Amendment - After Non-Final Rejection	2	2	
Drawings	3	3	
Claims	4	10	
Applicant Arguments/Remarks Made in an Amendment	11	13	
Drawings	14	21	

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	421613
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**New Applications Under 35 U.S.C. 111**  
**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**  
**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

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